

ABSTRACT

A light receiving element module (3) according to the present invention includes a stem (10) where signal pins (40) (signal pins, voltage supplying pins) penetrate; a base (11) which is fixed in a direction perpendicular to the stem (10); a cap member (13) which has a light passing-through hole and is fixed to the stem (11); a spherical lens (12) which is inserted into the light passing-through hole and condenses signal light emitted from the optical fiber (20); a parabolic mirror (16) which is arranged on the base (11) and reflects the signal light condensed by the spherical lens at an approximately right angle; a light receiving element (18) which is arranged on the base and receives the signal light reflected by the parabolic mirror (16) to convert the signal light to an electric signal; and a trans-impedance amplifier (19) which is arranged on the base in proximity to the light receiving element (18) and amplifies the electric signal converted by the light receiving element (18).